

157102

# J.S. ALBERICI

## CONSTRUCTION CO., INC.

July 26, 1985

Monsanto Company  
Rt. 3  
Sauget, IL 62201

ATTN: Mr. Bruce Steketee

Ref: Monsanto Krummrich  
So. Main Trunk, Proj. 3808  
JSA Project #8434  
Response to July 25, 1985 letter

Gentlemen:

In response to your letter of July 25, 1985, we offer for your review the following comments.

We have not arbitrarily decided to eliminate the pre-alignment of the 42" pipe, but have changed our method to achieve best fit in lieu of the costly pipe rotation on the pipe jig. Our new method involves the measuring and recording of minimum and maximum dimensions of the bell and spigot inside diameters and the laying lengths of each pipe. These dimensions are evaluated to establish the best bell and spigot position and to orientate each pipe in such a way as to maintain a minimum end gap. Once best fit is determined, each pipe is marked with an arrow which is used as a match mark to indicate the top of each pipe. Each pipe, prior to jointing, is dry set to center the spigot into the bell socket and to establish the best invert and grade possible. This has been and will continue to be a step in our pipe setting procedure.

Once the pipe is pre-aligned and joint materials have been placed, the spigot will be brought home to the mating bell, compressing and squeezing out the joint mortar as required. Any movement of the new pipe after the joint mortar has been squeezed out is unacceptable. Joints realizing movement after the mortar is squeezed out will be backed out and remade as specified.

During warm weather months, as we previously agreed, we will resume multi-pass joint installations as directed by Monsanto. Our observations, however, have shown that multi-pass installations increase both the joint costs and take longer to complete.

WGK 4084670

JUL 26 1985

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CONSTRUCTION CO., INC.

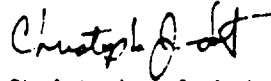
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Monsanto Company  
Mr. Bruce Steketee  
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Please be aware that we are as interested as you are in providing a first class job to Monsanto and that we will continue to investigate and evaluate new methods to decrease joint costs and increase productivity.

Sincerely yours,

J. S. ALBERICI CONST. CO., INC.



Christopher J. Lotz  
Project Engineer

CJL/ral

bcc: L. Bumbicka/D. Nelson  
O.N. Shipley  
R.C. Martini  
G. Grundmann/K. Lichtenheld  
L. Kreh

WGK 4084671